

? e au=helen, lee?

Ref	Items	Index-term
E1	1	AU=HELEN, L.W.
E2	2	AU=HELEN, LBYERS
E3	0	AU=HELEN, LEE?
E4	1	AU=HELEN, LOU
E5	1	AU=HELEN, M BERMAN
E6	19	AU=HELEN, M.
E7	1	AU=HELEN, MARDON
E8	4	AU=HELEN, MARKO
E9	1	AU=HELEN, MBERMAN
E10	1	AU=HELEN, MCS PARRON
E11	1	AU=HELEN, MICHAEL L.A.V.
E12	1	AU=HELEN, M PICTON
E13	2	AU=HELEN, N. SAADA
E14	1	AU=HELEN, N.S.
E15	1	AU=HELEN, NANCY
E16	1	AU=HELEN, OE
E17	9	AU=HELEN, ORAV-KOTTA
E18	10	AU=HELEN, P
E19	5	AU=HELEN, P.
E20	2	AU=HELEN, P. L.
E21	1	AU=HELEN, PAUL VAN
E22	10	AU=HELEN, PAULI
E23	1	AU=HELEN, PAULI T.
E24	1	AU=HELEN, PIONTKIVSKA
E25	1	AU=HELEN, POLYCHRONOPOULOS

Enter PAGE for more

? e au=lee, Helen?

Ref	Items	Index-term
E1	1	AU=LEE, HELEN W. C.
E2	2	AU=LEE, HELEN Y.
E3	0	AU=LEE, HELEN?
E4	4	AU=LEE, HELENA
E5	1	AU=LEE, HELENA M
E6	1	AU=LEE, HELLEN SANDRA BYUNG-JU
E7	1	AU=LEE, HEM-KU
E8	1	AU=LEE, HEN N.
E9	2	AU=LEE, HEN-SHIN
E10	7	AU=LEE, HENG
E11	4	AU=LEE, HENG CHIN
E12	1	AU=LEE, HENG GEE
E13	1	AU=LEE, HENG SHENG
E14	1	AU=LEE, HENG YEN
E15	3	AU=LEE, HENG YUAN
E16	2	AU=LEE, HENG YUEN
E17	1	AU=LEE, HENG ZHOU
E18	13	AU=LEE, HENG-CHI
E19	1	AU=LEE, HENG-CHIA
E20	5	AU=LEE, HENG-HSIEN
E21	12	AU=LEE, HENG-HUAN
E22	4	AU=LEE, HENG-JEN
E23	4	AU=LEE, HENG-JU
E24	1	AU=LEE, HENG-KAH
		1 AU=LEE, HELLEN SANDRA BYUNG-JU
E25	1	AU=LEE, HENG-KUAN

Enter PAGE for more

? s e1-e25

1	AU=LEE, HELEN W. C.
2	AU=LEE, HELEN Y.
1	AU=LEE, HEM-KU

chlamydiadnase.txt

```
1 AU=LEE, HEN N.
2 AU=LEE, HEN-SHIN
7 AU=LEE, HENG
4 AU=LEE, HENG CHIN
1 AU=LEE, HENG GEE
1 AU=LEE, HENG SHENG
1 AU=LEE, HENG YEN
3 AU=LEE, HENG YUAN
2 AU=LEE, HENG YUEN
1 AU=LEE, HENG ZHOU
13 AU=LEE, HENG-CHI
1 AU=LEE, HENG-CHIA
5 AU=LEE, HENG-HSIEN
12 AU=LEE, HENG-HUAN
4 AU=LEE, HENG-JEN
4 AU=LEE, HENG-JU
1 AU=LEE, HENG-KAH
1 AU=LEE, HENG-KUAN
S1 74 S E1-E25
```

? s s1 and chlamydia

```
74 S1
166070 CHLAMYDIA
S2 0 S S1 AND CHLAMYDIA
```

? e au=huang, ling?

Ref	Items	Index-term
E1	7	AU=HUANG, LING-YUN
E2	8	AU=HUANG, LING-ZHI
E3	0	AU=HUANG, LING?
E4	6	AU=HUANG, LINGBO
E5	1	AU=HUANG, LINGCAI
E6	1	AU=HUANG, LINGCHANG
E7	4	AU=HUANG, LINGEN
E8	4	AU=HUANG, LINGFANG
E9	2	AU=HUANG, LINGFEN
E10	35	AU=HUANG, LINGFENG
E11	1	AU=HUANG, LINGFU
E12	1	AU=HUANG, LINGGENG
E13	11	AU=HUANG, LINGHONG
E14	4	AU=HUANG, LINGHUI
E15	3	AU=HUANG, LINGJIE
E16	5	AU=HUANG, LINGJIN
E17	1	AU=HUANG, LINGJUN
E18	2	AU=HUANG, LINGKANG
E19	2	AU=HUANG, LINGKUEN
E20	34	AU=HUANG, LINGLI
E21	2	AU=HUANG, LINGLIN
E22	16	AU=HUANG, LINGLING
E23	1	AU=HUANG, LINGLONG
E24	1	AU=HUANG, LINGNING
E25	12	AU=HUANG, LINGQIAN

Enter PAGE for more

? s e1-e2

```
7 AU=HUANG, LING-YUN
8 AU=HUANG, LING-ZHI
S3 15 S E1-E2
```

? s s3 chlamydia

```
>>>W: Term "CHLAMYDIA" in invalid position
>>>E: There is no result
```

# chlamydiadnase.txt

? s s3 and chlamydia

	15	S3
	166070	CHLAMYDIA
S4	0	S S3 AND CHLAMYDIA

? s s3 and dnase

	15	S3
	102392	DNASE
S5	0	S S3 AND DNASE

? e au=casar, elpidio

Ref	Items	Index-term
E1	2	AU=CASAR, D.
E2	1	AU=CASAR, DOUGLAS
E3	0	AU=CASAR, ELPIDIO
E4	2	AU=CASAR, F.
E5	2	AU=CASAR, F.
E6	3	AU=CASAR, FRANCISCO
E7	6	AU=CASAR, I
E8	25	AU=CASAR, I.
E9	3	AU=CASAR, ISABEL
E10	2	AU=CASAR, J.
E11	1	AU=CASAR, J. C.
E12	2	AU=CASAR, J. J.
E13	9	AU=CASAR, J. R.
E14	31	AU=CASAR, J.R.
E15	2	AU=CASAR, JC
E16	1	AU=CASAR, JOACHIM
E17	3	AU=CASAR, JOSE M.
E18	23	AU=CASAR, JOSE R.
E19	1	AU=CASAR, JUAN C.
E20	10	AU=CASAR, JUAN CARLOS
E21	1	AU=CASAR, KSENIJA SEDMAK
E22	3	AU=CASAR, M.
E23	1	AU=CASAR, M. A.
E24	1	AU=CASAR, M. F. G.
E25	1	AU=CASAR, M.A.

Enter PAGE for more

? e au=nigel, buttress?

Ref	Items	Index-term
E1	2	AU=NIGEL, B.
E2	1	AU=NIGEL, B. J.
E3	0	AU=NIGEL, BUTTRESS?
E4	2	AU=NIGEL, C.
E5	1	AU=NIGEL, C. B. H.
E6	2	AU=NIGEL, D.
E7	1	AU=NIGEL, DBROWNING
E8	2	AU=NIGEL, DUDLEY
E9	1	AU=NIGEL, F.
E10	1	AU=NIGEL, G.
E11	1	AU=NIGEL, GHALFORD
E12	1	AU=NIGEL, GRACE
E13	1	AU=NIGEL, H.
E14	2	AU=NIGEL, HARRIS
E15	1	AU=NIGEL, HARRIS E.
E16	1	AU=NIGEL, HELSBY
E17	1	AU=NIGEL, HORAN
E18	2	AU=NIGEL, J.
E19	1	AU=NIGEL, JAMES
E20	1	AU=NIGEL, JJONES
E21	1	AU=NIGEL, KEN
E22	1	AU=NIGEL, M WILLIAMS

# chlamydiadnase.txt

E23 2 AU=NIGEL, MARC STITT  
 E24 1 AU=NIGEL, MAY  
 E25 1 AU=NIGEL, ORR  
 Enter PAGE for more

? s e1-e2  
 2 AU=NIGEL, B.  
 1 AU=NIGEL, B. J.  
 S6 3 S E1-E2

? s s6 and chlamydia  
 3 S6  
 166070 CHLAMYDIA  
 S7 0 S S6 AND CHLAMYDIA

? d s  

Set	Items	Description
S1	74	S E1-E25
S2	0	S S1 AND CHLAMYDIA
S3	15	S E1-E2
S4	0	S S3 AND CHLAMYDIA
S5	0	S S3 AND DNASE
S6	3	S E1-E2
S7	0	S S6 AND CHLAMYDIA

? e au=buttress, n?  

Ref	Items	Index-term
E1	17	AU=BUTTRESS, N.
E2	1	AU=BUTTRESS, N. D.
E3	0	AU=BUTTRESS, N?
E4	1	AU=BUTTRESS, NEVILLE
E5	2	AU=BUTTRESS, NIGEL D
E6	1	AU=BUTTRESS, NIGEL DEREK
E7	1	AU=BUTTRESS, R E
E8	1	AU=BUTTRESS, R. E.
E9	2	AU=BUTTRESS, S
E10	6	AU=BUTTRESS, S.
E11	1	AU=BUTTRESS, SG
E12	1	AU=BUTTRESS, SUSAN G.
E13	2	AU=BUTTREY
E14	6	AU=BUTTREY B S
E15	4	AU=BUTTREY B W
E16	13	AU=BUTTREY BENTON W
E17	7	AU=BUTTREY BS
E18	1	AU=BUTTREY BW
E19	11	AU=BUTTREY D
E20	109	AU=BUTTREY D J
E21	1	AU=BUTTREY D J AT T BELL LABORATORIES MOUNTAIN AV
E22	1	AU=BUTTREY D J DEPARTMENT OF CHEMICAL ENGINEERING
E23	1	AU=BUTTREY D N
E24	13	AU=BUTTREY D.J.
E25	80	AU=BUTTREY DJ

  
 Enter PAGE for more

? s e1-e6  
 17 AU=BUTTRESS, N.  
 1 AU=BUTTRESS, N. D.  
 0 AU=BUTTRESS, N?  
 1 AU=BUTTRESS, NEVILLE  
 2 AU=BUTTRESS, NIGEL D  
 1 AU=BUTTRESS, NIGEL DEREK  
 S8 22 S E1-E6

# chlamydiadnase.txt

? s s8 and chlamydia

	22	S8
	166070	CHLAMYDIA
S9	4	S S8 AND CHLAMYDIA

? d s

Set	Items	Description
S1	74	S E1-E25
S2	0	S S1 AND CHLAMYDIA
S3	15	S E1-E2
S4	0	S S3 AND CHLAMYDIA
S5	0	S S3 AND DNASE
S6	3	S E1-E2
S7	0	S S6 AND CHLAMYDIA
S8	22	S E1-E6
S9	4	S S8 AND CHLAMYDIA

? c hlamydia and dnase

> Select hlamydia and dnase

	4	HLAMYDIA
	102392	DNASE
S10	0	C HLAMYDIA AND DNASE

? s chlamydia and Dnase

	166070	CHLAMYDIA
	102392	DNASE
S11	100	S CHLAMYDIA AND DNASE

? s rd

S12	199427	S RD
-----	--------	------

? s s11

S13	100	S S11
-----	-----	-------

? rd

>>>W: Duplicate detection is not supported for File 393.  
Duplicate detection is not supported for File 391.  
Records from unsupported files will be retained in the RD set.  
S14 37 RD (UNIQUE ITEMS)

? s s14 and trachomatis

	37	S14
	93327	TRACHOMATIS
S15	18	S S14 AND TRACHOMATIS

? t s15/3,k/1-18

>>>W: KWIC option is not available in file(s): 399  
15/3,K/1 (Item 1 from file: 5) Links  
Fulltext available through: STIC Full Text Retrieval Options  
Biosis Previews(R)  
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18870526 Biosis No.: 200600215921  
ChxR is a transcriptional activator in Chlamydia

Author: Koo Ingrid Chou; Walthers Don; Hefty P Scott; Kenney Linda J (Reprint);  
Stephens Richard S  
Author Address: Univ Illinois, Dept Microbiol and Immunol, Chicago, IL 60612  
USA\*\*USA  
Author E-mail Address: kenneyl@uic.edu  
Journal: Proceedings of the National Academy of Sciences of the United States of  
America 103 ( 3 ): p 750-755 JAN 17 2006 2006  
ISSN: 0027-8424  
Document Type: Article

Record Type: Abstract

Language: English

ChxR is a transcriptional activator in Chlamydia

Abstract: Chlamydia spp. are obligate intracellular bacterial pathogens that alternate between two metabolically and morphologically distinct developmental forms, and differentiation depends on transcriptional regulation. Genome sequencing of Chlamydia trachomatis revealed an ORF, CT630 (chxR), whose amino acid sequence contains a winged helix-turn-helix... ..binding directly to sites upstream of chxR; it also activates infA, tufA, oppA, and CT084. DNase I protection studies showed that ChxR bound to sites in the ompF and ompC promoter... ..This report identifies a stage-specific transcriptional regulator and some of its target genes in Chlamydia.

DESCRIPTORS:

Organisms: Chlamydia trachomatis (Chlamydiaceae...

Organisms: Parts Etc:

Gene Name: Chlamydia trachomatis chxR gene (Chlamydiaceae... ..Chlamydia trachomatis ompF gene (Chlamydiaceae... ..Chlamydia trachomatis ompC gene (Chlamydiaceae... ..Chlamydia trachomatis infA gene (Chlamydiaceae... ..Chlamydia trachomatis tufA gene (Chlamydiaceae... ..Chlamydia trachomatis oppA gene (Chlamydiaceae... ..Chlamydia trachomatis CT084 gene (Chlamydiaceae)

Methods & Equipment:

15/3,K/2 (Item 2 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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16991955 Biosis No.: 200200585466

Temporally regulated expression of fourteen different genes during the replication cycle of Chlamydia pneumoniae

Author: Song X (Reprint); Morrison D J (Reprint); Mahony J B (Reprint)

Author Address: McMaster University St. Joseph's Hospital, Hamilton, ON, Canada\*\*Canada

Journal: Abstracts of the General Meeting of the American Society for Microbiology 102 p 175 2002 2002

Medium: print

Conference/Meeting: 102nd General Meeting of the American Society for Microbiology Salt Lake City, UT, USA May 19-23, 2002; 20020519

Sponsor: American Society for Microbiology

ISSN: 1060-2011

Document Type: Meeting; Meeting Abstract

Record Type: Abstract

Language: English

Temporally regulated expression of fourteen different genes during the replication cycle of Chlamydia pneumoniae

Abstract: Background: Gene expression in C. trachomatis is temporally regulated during the developmental cycle of this obligate intracellular pathogen. Three temporal classes of genes including early-, mid-, and late-cycle have recently been demonstrated for C. trachomatis in infected HeLa 229 epithelial cells (Shaw et al. 2000). In an effort to characterize... ..6, 12, 24, 48, and 72 hr post infection using RNeasy columns (Qiagen), treated with DNase I and quantified by spectrophotometry. cDNA was synthesized in 20 ul reactions using random hexamers...

DESCRIPTORS:

Organisms: Chlamydia pneumoniae (Chlamydiaceae...

Organisms: Parts Etc:

15/3,K/3 (Item 3 from file: 5) Links

chlamydiadnase.txt

Fulltext available through: STIC Full Text Retrieval Options  
Biosis Previews(R)

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16237658 Biosis No.: 200100409497

Characterization of integration host factor (IHF) binding upstream of the cysteine-rich protein operon (omcAB) promoter of *Chlamydia trachomatis* LGV serovar L2

Author: Zhong Jianmin; Douglas Annemarie L; Hatch Thomas P (Reprint)

Author Address: Department of Molecular Sciences, University of Tennessee, Memphis, TN, 38163, USA\*\*USA

Journal: Molecular Microbiology 41 ( 2 ): p 451-462 July, 2001 2001

Medium: print

ISSN: 0950-382X

Document Type: Article

Record Type: Abstract

Language: English

...integration host factor (IHF) binding upstream of the cysteine-rich protein operon (omcAB) promoter of *Chlamydia trachomatis* LGV serovar L2

Abstract: ...upstream from the transcription start point of the late stage-specific CRP operon (omcAB) of *Chlamydia trachomatis*, to which a protein in extracts of chlamydiae harvested at 23 h after infection binds. A recombinant protein of C. trachomatis open reading frame (ORF) CT267, which is homologous to bacterial integration host factor (IHF) and the heat-unstable nucleoid protein (HU), bound to the same element and produced the same DNase I footprint as the protein in chlamydial extracts. Recombinant ORF CT267 protein bound with high... ...the CRP operon. IHF-binding activity and IHF protein were detected in extracts of C. trachomatis during the early to intermediate phases of the late stage of the developmental cycle (between...

DESCRIPTORS:

Organisms: *Chlamydia trachomatis* (Chlamydiaceae...

Organisms: Parts Etc:

15/3,K/4 (Item 4 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options  
Biosis Previews(R)

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13549813 Biosis No.: 199699183873

Transcription factor recognition surface on the RNA polymerase alpha subunit is involved in contact with the DNA enhancer element

Author: Murakami Katsuhiko; Fujita Nobuyuki; Ishihama Akira (Reprint)

Author Address: Dep. Mol. Genetics, Natl. Inst. Genetics, Mishima, Shizuoka 411, Japan\*\* Japan

Journal: EMBO (European Molecular Biology Organization) Journal 15 ( 16 ): p 4358-4367 1996 1996

ISSN: 0261-4189

Document Type: Article

Record Type: Abstract

Language: English

Abstract: ...a major role in response to both CRP and the DNA UP element. Judged by DNase I footprinting analysis, a mutants defective in transcription from the CRP-dependent lacP1 promoter showed...

DESCRIPTORS:

Organisms: ...*Chlamydia trachomatis* (Chlamydiaceae

Organisms: Parts Etc:

15/3,K/5 (Item 5 from file: 5) Links

chlamydiadnase.txt

Fulltext available through: STIC Full Text Retrieval Options

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11898612 Biosis No.: 199396063028

Molecular cloning and expression of hctB encoding a strain-variant chlamydial histone-like protein with DNA-binding activity

Author: Brickman Timothy J (Reprint); Barryi Clifton E Ii; Hackstadt Ted  
Author Address: Lab. Intracellular Parasites, Rocky Mountain Lab., Natl. Inst. Allergy and Infectious Diseases, Hamilton, MT 59840, USA\*\*USA  
Journal: Journal of Bacteriology 175 ( 14 ): p 4274-4281 1993  
ISSN: 0021-9193  
Document Type: Article  
Record Type: Abstract  
Language: English

Abstract: Two DNA-binding proteins with similarity to eukaryotic histone H1 have been described in *Chlamydia trachomatis*. In addition to the 18-kDa histone H1 homolog Hc1, elementary bodies of *C. trachomatis* possess an antigenically related histone H1 homolog, which we have termed Hc2, that varies in... ..Hc1 expression. Moreover, isolated nucleoids from Hc2-expressing *E. coli* exhibit markedly reduced sensitivity to DNase 1. These properties of Hc2 are consistent with a postulated role in establishing the nucleoid...

15/3,K/6 (Item 6 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

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07676032 Biosis No.: 198579094931

MOLECULAR CLONING AND EXPRESSION OF CHLAMYDIA-TRACHOMATIS MAJOR OUTER MEMBRANE PROTEIN ANTIGENS IN ESCHERICHIA-COLI

Author: STEPHENS R S (Reprint); KUO C-C; NEWPORT G; AGABIAN N  
Author Address: DEPARTMENT PATHOBIOLOGY, UNIVERSITY WASHINGTON, SEATTLE, WASH 98195, USA\*\* USA  
Journal: Infection and Immunity 47 ( 3 ): p 713-718 1985  
ISSN: 0019-9567  
Document Type: Article  
Record Type: Abstract  
Language: ENGLISH  
MOLECULAR CLONING AND EXPRESSION OF CHLAMYDIA-TRACHOMATIS MAJOR OUTER MEMBRANE PROTEIN ANTIGENS IN ESCHERICHIA-COLI

Abstract: DNA obtained from *C. trachomatis* (serovar L2) was partially digested with DNase I and inserted into the .beta.-galactosidase gene of bacteriophage .lambda. gt11. Seven recombinants were selected that produced immunoreactive fusion proteins which were detected with anti-*C. trachomatis* rabbit serum. One recombinant, designated .lambda. gt11/L2/33, reacted with various monoclonal antibodies that... ..1-kilobase DNA insert which hybridized to DNA isolated from each of the 15 *C. trachomatis* serovars.

15/3,K/7 (Item 7 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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05161005 Biosis No.: 197764009361

PURIFICATION OF A CHLAMYDIA-TRACHOMATIS SPECIFIC ANTIGEN BY IMMUNO ADSORPTION WITH MONO SPECIFIC ANTIBODY

Author: CALDWELL H D; KUO C-C



Journal: Journal of Immunology 118 ( 2 ): p 437-441 1977

ISSN: 0022-1767

Document Type: Article

Record Type: Abstract

Language: Unspecified

PURIFICATION OF A CHLAMYDIA-TRACHOMATIS SPECIFIC ANTIGEN BY IMMUNO ADSORPTION WITH MONO SPECIFIC ANTIBODY

Abstract: This study describes the isolation and partial characterization of a C. trachomatis specific antigen [which may be diagnostically useful]. A species-specific antigen of C. trachomatis (antigen-0.65) was identified by 2-dimensional immunoelectrophoresis. Antiserum specific for antigen-0.65... ..heating at 56.degree. C for 30 min, but the antigen was stable to RNase, DNase, periodate oxidation and pH extremes of 2.2 and 10.6. Polyacrylamide gel electrophoresis of...

15/3,K/8 (Item 1 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11484145 Genuine Article#: 660BG No. References: 29

Investigation of infectious agents associated with arthritis by reverse transcription PCR of bacterial rRNA

Author: Cox CJ; Kempson KE; Gaston JSH (REPRINT)

Corporate Source: Addenbrookes Hosp, Dept Rheumatol, Box 157, Hills Rd/Cambridge CB2 2QQ//England/ (REPRINT); Univ Cambridge, Dept Rheumatol, Cambridge//England/;

GlaxoSmithKline Med Res Ctr, Stevenage/Herts/England/

Journal: ARTHRITIS RESEARCH & THERAPY, 2003, V 5, N1, P U46-U53

ISSN: 1478-6362 Publication date: 20030000

Publisher: BIOMED CENTRAL LTD, MIDDLESEX HOUSE, 34-42 CLEVELAND ST, LONDON W1T 4LB, ENGLAND

Language: English Document Type: ARTICLE ( ABSTRACT AVAILABLE )

Abstract: ...Bacterial sequences were detected in most cases, even after treatment of the synovial fluid with DNase, implying the presence of bacterial RNA and therefore of transcriptionally active bacteria. Analysis of a... ..present by amplifying with species specific primers. This was the case for Yersinia pseudotuberculosis and Chlamydia trachomatis. However, in arthritis thought to be related to Campylobacter infection the sequences obtained were not...

Identifiers-- ...POLYMERASE-CHAIN-REACTION; CHLAMYDIA-TRACHOMATIS; SYNOVIAL TISSUE; IMMUNE-RESPONSE; LYME ARTHRITIS; RIBOSOMAL-RNA; DNA; CELLS; IDENTIFICATION; PERMEABILITY

15/3,K/9 (Item 2 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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08055841 Genuine Article#: 242AA No. References: 55

NASBA and other transcription-based amplification methods for research and diagnostic microbiology

Author: Chan AB (REPRINT) ; Fox JD

Corporate Source: ORGANON TEKN, SCI PK, MILTON RD/CAMBRIDGE CB4 0FL//ENGLAND/ (REPRINT); UNIV WALES COLL CARDIFF, COLL MED, DEPT MED MICROBIOL/CARDIFF CF1 3NS/S

GLAM/WALES/

Journal: REVIEWS IN MEDICAL MICROBIOLOGY, 1999, V 10, N4 ( OCT ), P 185-196

ISSN: 0954-139X Publication date: 19991000

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 227 EAST WASHINGTON SQ, PHILADELPHIA, PA 19106

Language: English Document Type: ARTICLE ( ABSTRACT AVAILABLE )

chlamydiadnase.txt

Abstract: ...the reaction is not affected by double-stranded DNA contamination so intron-nanking primers or DNase treatment are not required when mRNA or retroviral RNA is to be analysed. The relatively...

Identifiers-- ...AMPLIFICATION; HUMAN-IMMUNODEFICIENCY-VIRUS; HIV-1 RNA; MESSENGER-RNA; NUCLEIC-ACIDS; VIRAL LOAD; MYCOBACTERIUM-TUBERCULOSIS; CHLAMYDIA-TRACHOMATIS; CAMPYLOBACTER-JEJUNI; REPLICATION REACTION

15/3,K/10 (Item 3 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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03330133 Genuine Article#: NW978 No. References: 35

SIGNIFICANCE OF THE IMMUNE-RESPONSE TO A MAJOR, CONFORMATIONAL B-CELL EPITOPE OS THE HEPATITIS-C VIRUS NS3 REGION DEFINED BY A HUMAN MONOCLONAL-ANTIBODY

Author: MONDELL MU; CERINO A; BOENDER P; OUDSHOORN P; MIDDELDORP J; FIPALDINI C; LAMONICA N; HABETS W

Corporate Source: UNIV PAVIA,POLICLIN SAN MATTEO,IRCCS,IST CLIN MALATTIE INFETT,VIA TARAMELLI 5/I-27100 PAVIA//ITALY//; IST RIC BIOL MOLEC P ANGELETTI/I-00040 POMEZIA//ITALY//; ORGANON TEKNIKA BV/5281 RM BOXTEL//NETHERLANDS/

Journal: JOURNAL OF VIROLOGY , 1994 , V 68 , N8 ( AUG ) , P 4829-4836  
ISSN: 0022-538X

Language: ENGLISH Document Type: ARTICLE ( Abstract Available )

Abstract: ...92-amino-acid sequence (clone 8, amino acids 1363 to 1454) selected from an NS3 DNase fragment library but failed to bind to 12-mer peptides synthesized from the same region...

Identifiers--

Research Fronts: ...RHODOBACTER-SPHAEROIDES; TRANSCRIPTIONAL REGULATORY ELEMENT; FUNCTIONAL EXPRESSION)

92-5823 001 (B-CELL EPITOPES OF THE CHLAMYDIA-TRACHOMATIS MAJOR OUTER-MEMBRANE PROTEIN; PEPTIDE LIBRARIES; ANTIGENIC SITES; ANTIPEPTIDE ANTIBODIES)

92-8077 001 (EXPRESSION OF...

Cited References:

15/3,K/11 (Item 1 from file: 154) Links

Fulltext available through: STIC Full Text Retrieval Options  
MEDLINE(R)

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12124534 PMID: 8890550

[Assay of specific anti-Chlamydia pneumoniae antibodies by ELISA method. 1. Evaluation of ELISA kit using outer membrane complex]

Kishimoto T; Kubota Y; Matsushima T; Izutsu H; Matsumoto A; Soejima R; Morikawa T; Kawagoe K

Department of Internal Medicine, Kawasaki Medical School.

Kansenshogaku zasshi. The Journal of the Japanese Association for Infectious Diseases ( JAPAN ) Aug 1996 , 70 (8) p821-9 , ISSN: 0387-5911--Print Journal Code: 0236671

Publishing Model Print

Document type: Clinical Trial; Comparative Study; English Abstract; Journal Article

Languages: JAPANESE

Main Citation Owner: NLM

Record type: MEDLINE; Completed

[Assay of specific anti-Chlamydia pneumoniae antibodies by ELISA method. 1. Evaluation of ELISA kit using outer membrane complex]

Studies were conducted with the goal of developing a kit for assaying anti-Chlamydia pneumoniae antibodies in human serum which would enable judging positive cases with high specificity by... ...were purified from the YK-41 strain of C. pneumoniae, and subsequent treatment with Sarkosyl, DNase and RNase yielded chlamydial outer membrane complex (COMC). COMC was employed as the antigen and...

chlamydiadnase.txt

...efficacy of this new ELISA method. Moreover, COMC was reacted with mouse antisera to three Chlamydia species, and the mouse IgG antibody was assayed. Anti-C. pneumoniae antiserum showed the strongest reactivity, whereas weaker reactivity was shown by anti-C. trachomatis antiserum (1/32nd of the reactivity of the anti-C. pneumoniae antiserum) and anti-C. psittaci antiserum (1/4th). In addition, sera from patients infected with C. trachomatis or C. psittaci (Psittacosis) were subjected to the ELISA method using COMC from C. pneumoniae... ..higher in relation to the anti-C. pneumoniae antibody titer than either the anti-C. trachomatis antibody titer or anti-C. psittaci antibody titer. These findings indicate this new assay kit... (

Descriptors: \*Antibodies, Bacterial--analysis--AN; \*Bacterial Outer Membrane Proteins; \* Chlamydia Infections--diagnosis--DI; \*Chlamydomydia pneumoniae --immunology--IM; \*Enzyme-Linked Immunosorbent Assay--methods--MT; \*Immunoglobulin A...

15/3,K/12 (Item 1 from file: 370) Links

Science

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00505096 (USE 9 FOR FULLTEXT)

Conjugative Transfer by the Virulence System of Legionella pneumophila

Vogel, Joseph. P.; Andrews, Helene L.; Wong, Swee Kee; Isberg, Ralph R. J. P. Vogel, H. L. Andrews, S. K. Wong, Department of Molecular Biology and Microbiology, Tufts University School of Medicine, Boston, MA 02111, USA. ; R. R. Isberg, Department of Molecular Biology and Microbiology and Howard Hughes Medical Institute, Tufts University School of Medicine, Boston, MA 02111, USA. Science Vol. 279 5352 pp. 873

Publication Date: 2-06-1998 ( 980206 ) Publication Year: 1998

Document Type: Journal ISSN: 0036-8075

Language: English

Section Heading: Reports

Word Count: 2331 (THIS IS THE FULLTEXT)

Text:

A number of intracellular bacterial pathogens, such as Chlamydia trachomatis, Mycobacterium tuberculosis, and Legionella pneumophila, grow within membrane-bound compartments diverted from the normal endocytic ...

...with conjugation ( (Delta) oriT in Table 1, top) (B14) . Moreover, the presence of deoxyribonuclease I (DNase I) had no effect, indicating that mobilization was not due to transformation by free DNA...system for intracellular growth may shed light on how other clinically important pathogens, such as Chlamydia and Mycobacterium, cause disease...x

10-7

RSF1010	CYET	E. coli MM294	2.2	x	10-7
RSF1010	CYET+ DNase I	Lp01	3.2	x	10-6
RSF1010	CYET+ DNase I	E. coli ER1793	9.1	x	10-7
RSF1010	CYET + DNase I	E. coli MM294	2.4	x	10-7
RSF1010 (Delta)	CYET	Lp01	< 3.8		

...that completely abolishes conjugation

Reference B18 .

Footnote:

Matings were performed on CYET or CYET containing DNase I (1 (mu) g/ml).

Footnote:

Recipients were either a L. pneumophila strain competent for...

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15/3,K/13 (Item 1 from file: 399) Links  
Fulltext available through: STIC Full Text Retrieval Options  
CA SEARCH(R)  
(c) 2009 American Chemical Society. All rights reserved.

124166525 CA: 124(13)166525d JOURNAL  
Application of a Mycoplasma group-specific PCR for monitoring decontamination of  
Mycoplasma-infected Chlamydia sp. strains  
Author: Ossewaarde, J. M.; de Vries, A.; Bestebroer, T.; Angulo, A. F.  
Location: Res. Lab. Infectious Diseases, National Inst. Public Health Environmental  
Hygiene, Bilthoven, Neth.  
Journal: Appl. Environ. Microbiol.  
Date: 1996  
Volume: 62 Number: 2 Pages: 328-31  
CODEN: AEMIDF  
ISSN: 0099-2240  
Language: English

15/3,K/14 (Item 1 from file: 35) Links  
Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rights reserved.  
01820332 ORDER NO: AADAA-I3006118  
Characterization of IHF and set-domain proteins of Chlamydia trachomatis L2

Author: Zhong, Jianmin  
Degree: Ph.D.  
Year: 2001  
Corporate Source/Institution: The University of Tennessee Center for the Health  
Sciences ( 0783 )  
Source: Volume 6202B of Dissertations Abstracts International.  
PAGE 683 . 207 PAGES  
ISBN: 0-493-15074-9  
Characterization of IHF and set-domain proteins of Chlamydia trachomatis L2

Members of the genus *Chlamydia* are obligate intracellular bacteria. The purpose of this research was to determine the mechanisms by which the late-stage cysteine-rich protein (CRP) operon of *Chlamydia trachomatis* is regulated and to characterize the chlamydial SET protein, which contains a SET domain... ..and was absent in the elementary body (EB) form. A recombinant protein of *C. trachomatis* ORF CT267, which is homologous to bacterial integration host factor (IHF), bound to the same DNA element with high affinity and produced the same DNase I-protection footprint as the protein in chlamydial extracts. It also induced a sharp bend... ..on *in vitro* transcription of the CRP operon.

The expression of *C. trachomatis* SET-gene transcripts and SET protein (SET) was detected throughout the cycle; however, immunoblot...

15/3,K/15 (Item 1 from file: 135) Links  
NewsRx Weekly Reports  
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0000402209 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Researchers from University of Manitoba, Canada, report details of new studies and findings

Science Letter, January 9, 2007, p.647

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English  
 RECORD TYPE: FULLTEXT

Word Count:  
 1147

... 1: New research, "Adoptive transfer of CD8alpha+ dendritic cells (DC) isolated from mice infected with Chlamydia muridarum are more potent in inducing protective immunity than CD8alpha- DC," is the subject of...

...inducers of protective immunity. Specifically, mice pretreated with DPDC from infected mice, upon infection with Chlamydia trachomatis mouse pneumonitis (MoPn), experienced significantly less severe body weight loss and in vivo chlamydial growth...

...CD8alpha-DC, demonstrating the crucial role of DC1-like cells in eliciting protection against C. trachomatis infection."

Bilenki and colleagues published their study in the Journal of Immunology (Adoptive transfer of CD8alpha+ dendritic cells (DC) isolated from mice infected with Chlamydia muridarum are more potent in inducing protective immunity than CD8alpha- DC. Journal of Immunology, 2006 ...

...using AP2 gamma-specific antiserum and mutant enhancer oligonucleotides demonstrated binding specifically to the FP2 DNase I-protected region of the element, identifying an atypical binding site for this factor," reported...

15/3,K/16 (Item 1 from file: 357) Links

Derwent Biotech Res.

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0305386 DBA Accession No.: 2003-07171 PATENT

Identifying, isolating and producing hyperimmune serum-reactive antigens from a pathogen, for preparing vaccine or medicament for treating or preventing e.g. staphylococcal infections, comprises providing antibody preparation ribosome display library, bacterium surface library or proteome expression library for vaccine development

Author: MEINKE A; NAGY E; VON AHSEN U; KLADE C; HENICS T; ZAUNER W; MINH D B; VYTVYTSKA O; ETZ H; DRYLA A; WEICHART T; HAFNER M; TEMPELMAIER B

Patent Assignee: CISTEM BIOTECHNOLOGIES GMBH 2002

Patent Number: WO 200259148 Patent Date: 20020801 WPI Accession No.: 2003-075410 ( 200307 )

Priority Application Number: AT 2001130 Application Date: 20010126

National Application Number: WO 2002EP546 Application Date: 20020121

Language: English

Abstract: ...C virus, Rous sarcoma virus, Epstein-Barr virus, influenza virus, rotavirus, S. aureus, S. epidermidis, Chlamydia pneumoniae, Chlamydia trachomatis, Mycobacterium tuberculosis, Mycobacterium leprae, Streptococcus pneumoniae, Streptococcus pyogenes, Streptococcus agalactiae, Enterococcus faecalis, Bacillus anthracis, Vibrio ... using a cup-horn sonicator, or into fragments of size 50-70 bp by mild DNase I treatment. Fragments were blunt-ended twice using T4 DNA Polymerase in the presence of...

E.C. Numbers:

Descriptors: ...virus, Rous-sarcoma virus, Epstein-Barr virus, influenza virus, rota virus, Staphylococcus aureus, Staphylococcus epidermidis, Chlamydia pneumoniae, Chlamydia trachomatis, Mycobacterium tuberculosis, Mycobacterium leprae,

chlamydiadnase.txt

Streptococcus pneumoniae, Streptococcus pyogenes, Streptococcus agalactiae, Enterococcus faecalis, Bacillus anthracis, Vibrio...

15/3,K/17 (Item 1 from file: 149) Links  
TGG Health&wellness DB(SM)  
(c) 2009 Gale/Cengage. All rights reserved.  
02767255 Supplier Number: 141850018 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
ChxR is a transcriptional activator in Chlamydia.(Chlamydia trachomatis)(Author Abstract)

Koo, Ingrid Chou; Walthers, Don; Hefty, P. Scott; Kenney, Linda J.; Stephens, Richard S.  
Proceedings of the National Academy of Sciences of the United States , 103 , 3 , 750(6)  
Jan 17 ,  
2006

Document Type: Author Abstract Publication Format: Magazine/Journal  
ISSN: 0027-8424  
Language: English  
Record Type: Abstract Target Audience: Academic  
ChxR is a transcriptional activator in Chlamydia.(Chlamydia trachomatis)(Author Abstract)

Author Abstract: Chlamydia spp. are obligate intracellular bacterial pathogens that alternate between two metabolically and morphologically distinct developmental forms, and differentiation depends on transcriptional regulation. Genome sequencing of Chlamydia trachomatis revealed an ORF, CT630 (chxR), whose amino acid sequence contains a winged helix-turn-helix... ..binding directly to sites upstream of chxR; it also activates infA, tufA, oppA, and CT084. DNase I protection studies showed that ChxR bound to sites in the ompF and ompC promoter... ..This report identifies a stage-specific transcriptional regulator and some of its target genes in Chlamydia.  
OmpR...

Text:

Special Features:  
Descriptors: Chlamydia--... ..Chlamydia trachomatis--  
Geographic Codes:

15/3,K/18 (Item 2 from file: 149) Links  
TGG Health&wellness DB(SM)  
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01366943 Supplier Number: 12127152 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
Nucleoid condensation in Escherichia coli that express a chlamydial histone homolog.

Barry, Clifton E., III; Hayes, Stanley F.; Hackstadt, Ted  
Science , v256 , n5055 , p377(3)  
April 17 ,  
1992

Publication Format: Magazine/Journal  
ISSN: 0036-8075  
Language: English  
Record Type: Fulltext Target Audience: Academic  
Word Count: 1861 Line Count: 00175

Text:

...chlamydial nucleoid occurs concomitant with expression of proteins

chlamydiadnase.txt

homologous to eukaryotic histone H1. When the Chlamydia trachomatis 18-kilodalton histone homolog Hc1 is expressed in Escherichia coli, a condensed nucleoid structure similar...

...obligate, intracellular parasites of humans and animals that undergo an unusual biphasic developmental cycle (1). Chlamydia trachomatis is the leading cause of preventable blindness and is the most prevalent sexually transmitted disease...

...of developmentally regulated, highly basic DNA-binding proteins present in EB chromosome preparations (5-8). Chlamydia trachomatis serovars have two lysine-rich proteins with primary sequence homology to eukaryotic histone H1 (5...

...protein Hc1 is expressed in Escherichia coli in quantities similar to those observed in C. trachomatis (6.0 [+ or -] 0.3% of total soluble protein by densitometry for each). It is...

...2). The ultrastructural appearance is reminiscent of corresponding structures in intermediate developmental forms of C. trachomatis (Fig. 2E). Late (24 to 48 hours after infection) inclusions of chlamydiae are characterized by...

...only loosely organized into nucleoids and is consequently more buoyant in these gradients (18).

Deoxyribonuclease (DNase) I treatment of either preparation shifts the sedimentation pattern. Controls are nearly completely digested, and...

...enter the gradient (Fig. 3B). The majority of Hc1 fails to enter the gradient after DNase I treatment, indicating that its sedimentation is dependent on an association with nucleoid DNA. Thus...of the chlamydial chromosome, it has been shown that polymorphic plasmid DNAs carried in C. trachomatis have distinct levels of supercoiling that vary with the developmental stage, with the more highly...

...and 0.5-ml fractions were removed from the top and analyzed as described. For DNase I treatment, the pellet after three pelletings through 100 mM sucrose solutions was resuspended in...

...tris, pH 8.0, 0.5 mM CaCl<sub>2</sub>, and 5 mM MgCl<sub>2</sub>), 250 U of DNase I was added, and the suspension was incubated at 37[degrees] C for 15 min...

Special Features:

Descriptors:  
Chlamydia--

Geographic Codes:

? d s

Set	Items	Description
S1	74	S E1-E25
S2	0	S S1 AND CHLAMYDIA
S3	15	S E1-E2
S4	0	S S3 AND CHLAMYDIA
S5	0	S S3 AND DNASE

# chlamydiadnase.txt

S6	3	S E1-E2
S7	0	S S6 AND CHLAMYDIA
S8	22	S E1-E6
S9	4	S S8 AND CHLAMYDIA
S10	0	C HLAMYDIA AND DNASE
S11	100	S CHLAMYDIA AND DNASE
S12	199427	S RD
S13	100	S S11
S14	37	RD (unique items)
S15	18	S S14 AND TRACHOMATIS